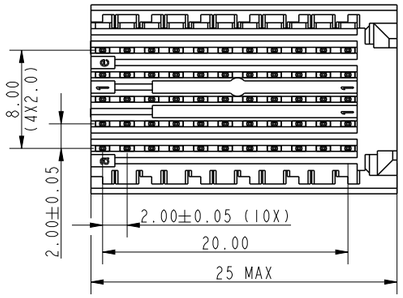
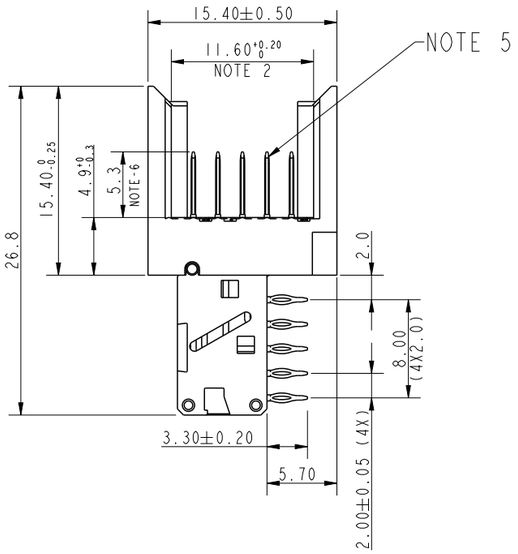
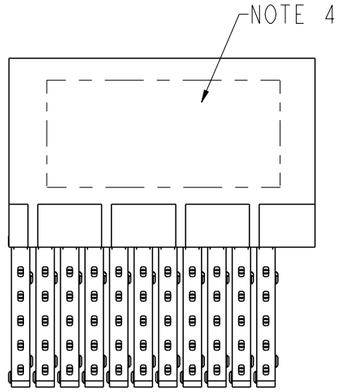






PERFORMANCE CHARACTERISTICS :

CURRENT RATING : 1.5A AT 20°C (FULLY LOADED)
1A AT 70°C (FULLY LOADED
RATED VOLTAGE : 500V AC (CONT / CONT)
OPERATING TEMPERATURE : -55°C TO 125°C
CONTACT RESISTANCE : 25mΩ MAX.
INSERTION FORCE : 0.75 N MAX / CONT
EXTRACTION FORCE : 0.15 N MIN / CONT
INSULATION RESISTANCE : 10^4 MΩ MIN.

NOTES :

1. UL APPROVED WITH USR AND CNR.
2. MEASURED AT THE BOTTOM.
3. MATERIAL CONTACT : PHOSPHORBRONZE.
   HOUSING : LCP 30% GLASS-FILLED.
4. CONNECTOR PRINTED WITH P/N AND DATE CODES.
5. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.}
6. 4 = LEVEL 1 (5.30)
   5 = LEVEL 2 (6.80)
   6 = LEVEL 3 (8.30)

LEAD FREE INDICATOR : LF = LEAD FREE

7. 'HM2J09PE5110-□-□'

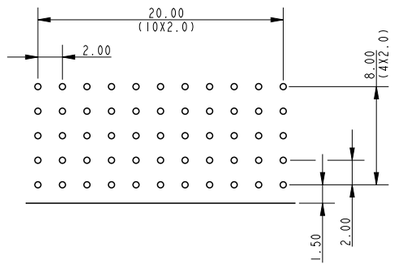
PERFORMANCE LEVEL INDICATOR
(Ref DWG No BS,C ,201844,003)

8. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
9. THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004

LOADING PATTERN : MATING SIDE

F	0	0	0	0	0	0	0	0	0	0	0
E	4	4	4	4	4	4	4	4	4	4	4
D	4	4	4	4	4	4	4	4	4	4	4
C	4	4	4	4	4	4	4	4	4	4	4
B	4	4	4	4	4	4	4	4	4	4	4
A	4	4	4	4	4	4	4	4	4	4	4
Z	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	10	11

PCB HOLE LAY-OUT



spec ref	-	dr	P-Mathew Nebu	2011/05/24	projection	mm	size A3	scale 1/1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Alex Babu	2019/11/11			ecn no	ELX-I-26926-1
		chr	-	-				
		appr	Kuriakose, San	2019/11/12	product family	MILLIPACS	rel level	Released
surface - ISO 1302	linear 0.X ±0.2; 0.XX ±0.1; 0.XXX ±0.05; angular 0° ±1°	Amphenol FCi	title MPACS RA HDR type C, not shielded		dwg no	BSC202767012	rev	J
			cat. no. HM2J09PE5110----		Product - Customer Drw		sheet 1 of 1	

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Amphenol FCi

Creo File - REV E - 2016-02-12